

REMARKS - General

By the above amendment, applicant has rewritten claims to define the invention more particularly and distinctly so as to overcome the technical rejections and define the invention patentably over the prior art.

Allowable Subject Matter

Per examiner's suggestion, claims 2 and 3 have been rewritten in independent forms by including all of the limitations of the base claim 1 and any intervening claims.

1) Independent Claims

Claim 1 has been rewritten into the amended claim by adding period (.) and by incorporating the limitation of original claim 2.

The original claim 2 has been canceled.

Claim 3 has been rewritten into an independent claim by including all of the limitations of the base claim 1 and the original claim 3.

2) Original or Previously Presented Dependent Claims

Claims 4-5 and 9-17 are dependent on the amended independent claim 1, which includes all of the limitations of original claims 1 and 2.

Claim 4 is an original claim.

Claim 5 is rewritten by combining claims 5, 6, 7, and 8 together. Subsequently the original claims 6-8 have been canceled.

Claims 9-17 are original or previously presented dependent claims.

Claim 18-23 has been canceled.

Claims 27-37 are previously presented dependent claims and these are identical to the claims 4-5 and 9-17. But now, the claims 27-37 depend on the amended independent claim 3.

3) New Dependent Claims

New dependent claims 24-26 and 38-40 incorporate all the subject matter of amended claims 1 and 3 and add additional subject matter, which makes them a fortiori and independently patentable over the cited prior art reference.

Claims 24 and 38 add a fiber-to-waveguide switch to the MOEM-WS of the amended claims 1 and 3 respectively. Since MOEM-WS is foreign to the cited prior art reference or any combination thereof, the additional subject matter is also foreign.

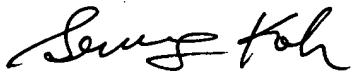
Claims 25 and 39 add a antireflection device to the MOEM-WS of the amended claims 1 and 3 respectively. Since MOEM-WS is foreign to the cited prior art reference or any combination thereof, the additional subject matter is also foreign.

Claims 26 and 40 adds tilted and shifted waveguide end facet to the MOEM-WS of the amended claims 1 and 3 respectively. Since MOEM-WS is foreign to the cited prior art reference or any combination thereof, the additional subject matter is also foreign.

Conclusion

Applicant submits that the specification and claims are now in proper form, and that the claims all define patentably over the prior art. Therefore the applicants submit that this application is now in condition for allowance, which action the applicants respectfully solicit.

Very respectfully,



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